

Atty. Docket No. RDRT.1017-6
Appl. No. 10/765,261

PATENT

Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims

Claims 1 - 10 (canceled)

Claim 11 (amended): A disk drive for storing and retrieving data, comprising:

a housing;

a rotatable magnetic data storage disk disposed within said housing;

an actuator disposed within said housing and configured to pivot a load beam proximate to a surface of said magnetic disk;

a slider attached to said load beam;

a tab attached to said load beam, said tab extending from said load beam in a first direction; and

a ramp disposed within said housing, said ramp including a ramp body having a first surface away from the disk and a second surface facing the disk and at least one aperture extending between said first surface and said second surface, wherein said aperture has at least one air outflow opening at said first surface and at least one an air inflow opening at said second surface, said slider ramp being situated such that said tab engages a sloped segment of said ramp as said load beam is brought to an outside diameter of said surface of said magnetic disk.

Claim 12 (previously presented): The disk drive of claim 11 wherein said tab has a tab surface facing said ramp, said tab surface having a non-planar component.

Claim 13 (amended): The disk drive of claim 11 wherein said tab has a tab surface facing said ramp, said tab surface having an aerodynamic shape.

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Claim 14 (amended): The disk drive of claim 12 claim 11 wherein said tab has a tab surface facing said ramp, said tab surface being concave.

Claim 15 – 18 (canceled)

Claim 19 (previously presented): The disk drive of claim 11 wherein cross-sectional areas of said air inflow and air outflow openings are substantially equal.

Claim 20 (amended): The disk drive of claim 11 wherein a cross-sectional area of said first air outflow opening is less than a cross-sectional area of said second air inflow opening.

Claim 21 (previously presented): The disk drive of claim 11 wherein at least one of said plurality of apertures said at least one aperture intersects said second surface at an angle to a tangent of said second surface at said air outflow inflow opening.

Claim 22 (previously presented): The disk drive of claim 11 wherin at least one of said plurality of apertures said at least one aperture has an air outflow opening within [[said]] a straight segment of said first surface.

Claim 23 (previously presented): The disk drive of claim 11 wherein at least one of said plurality of apertures said at least one aperture has an air inflow opening that connects to more than one air outflow opening.